Example programme

The following is a programme to help with the test.

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1  /* programme to help with the test, Kit Tyabandha, 28 Dec 06 */
2  #include<stdio.h>
3  #include<stdlib.h>
4  int num=23531, sn=27;
5  void
6  questions(){
7    FILE *fpt;
8    int i, j, k, qe=5, qn=65;
9    int chk[qn], qst[sn][qe];
10   for(i=0; i<sn; i++){
11     for(j=0; j<qn; j++) chk[j]=0;
12     for(j=0; j<qe; j++){
13       while(chk[k=rand()%qn]);
14       chk[k]++;
15       qst[i][j] =++k;
16     }
17   }
18   fpt =fopen("qsts.txt", "w");
19   fprintf(fpt, "ID\tQ1\tQ2\tQ3\tQ4\tQ5\n\n");
20   for(i=0; i<sn; i++){
21     fprintf(fpt, "%d", i+1);
22     for(j=0; j<qe; j++){
23       fprintf(fpt, "\t%d", qst[i][j]);
24     }
25     fprintf(fpt, "\n");
26   }
27   fclose(fpt);
28 }
29 void
30 reorderids(){
31   FILE *fpt;
32   int i;
33   int id[sn], rnd[sn];
34   for(i=0; i<sn; i++){
35     id[i] =i+1;
36     rnd[i] =rand();
37   }
38   fpt =fopen("id.txt", "w");
39   for(i=0; i<sn; i++){
40     fprintf(fpt, "%d %d\n", id[i], rnd[i]);
41   }
42   fclose(fpt);
43   system("sort -k2 id.txt | cut -d' ' -f1 | nl > idd.txt");
44 }
45 int main(){
46   srand(num);
47   reorderids();
48   questions();
49   return 0;
50 }
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